

PAARA

Graphs

DECEMBER 1991



"DINNER IS SERVED !"



THE OFFICIAL NEWSLETTER
OF THE PALO ALTO AMATEUR
RADIO ASSOCIATION
AND
THE MENLO PARK C.D. AMATEUR RADIO CLUB

PAARA



1991 CLUB OFFICERS

President	Gerald Tucker	W6BLNV	415-326-4900
Vice-President	Andy korsak	VE3FZK	415-366-5228
Secretary	John Gomperts	WB7TEM	408-879-0541
Treasurer	Lily Anne Hillis	N6PGM	415-325-5404
Trustee, W6DTX	Fred Canham	K6YT	415-948-9238
Property/Badges	Fred Canham	K6YT	415-948-9238
Refresh/Co-Prop	John Buonocore	KD6ZL	415-366-1658
ARES Officer	Lily Anne Hillis	N6PGM	415-325-5404
Club Historian	.....	.....	.....

BOARD OF DIRECTORS

Ken Manders	WB6CNI	1991-92	415-366-7814
Gerry Wagstaffe	W6NIR	1991-92	415-325-4670
Bill McElhinney	KA6LZI	1991-92	415-325-9800
John Buonocore	KD6ZL	1991-92	415-366-1658
Dusty Doster	K6MPN	1990-91	415-368-8156
Bill Lane	KJ6TF	1990-91	415-856-0154
Chuck Johnson	N6VFH	1990-91	408-251-8536

PAARAgraphs Staff

Editor	Chuck Johnson	N6VFH	408-251-8536
Mailing	Bill McElhinney	KA6LZI	415-325-9800

PAARA POLICIES

Membership in PAARA is \$6.00 per calendar year which includes a subscription to PAARAgraphs. Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026

Club Net 147.45 MHz Mondays 8:30 PM

Meet at 7:30 PM on the first friday of each month at the Menlo Park Recreation Center.

Send PAARAgraphs correspondence to:

Chuck Johnson N6VFH, EDITOR
3305 Mt. Logan Drive
San Jose, CA 95127

VOLUME 34

DECEMBER 1991

FROM THE EDITOR'S DESK

Happy Holidays to All !

1991 IS AT AN END AND A NEW YEAR WILL BE HEADING TOWARDS US! IN THIS HOLIDAY TIME LET'S RENEW OUR COMMITMENT TO HELP EACH OTHER AS HAMS AND FRIENDS AND MAKE THINGS BETTER FOR 1992. SEE YOU AT THE DEC. 11TH HOLIDAY DINNER AND AT THE MEETING ON DEC. 6TH-- TIL NEXT MONTH/ NEXT YEAR, 73 DE YOUR EDITOR.

SPEAKER OF THE MONTH

ANNE CLARKE KC6PFS--

AN OFFICIAL WITH THE RED CROSS, ANNE WILL GIVE THE FULL SCOOP ON THE OAKLAND FIRE & THE HAM PART IN THE DISASTER RESPONSE EFFORT. ANNE WAS EXTENSIVELY INTERVIEWED BY THE NEWS MEDIA & COORDINATED THE RED CROSS OPERATION. SPECIAL NOTE: ANNE WILL BRING THE RED CROSS E.R.V. (EMERGENCY RESPONSE VEHICLE) FOR AN INSPECTION BY PAARA! DON'T MISS THIS MEETING ON FRIDAY DECEMBER 6TH!

蘇
杭
小
館

DINNER WITH SPEAKER

**Su Hong
Restaurant**

EL CAMINO OFF RAVENSWOOD, MENLO PARK.
5:45PM MEETING FRIDAY DECEMBER 6TH....
TALK IN: 145.23-/r 147.45/s

**DE ANDY VE3FZK, PAARA PROGRAM
CHAIRMAN**

PRESIDENT'S CORNER

DE GERRY WA6LNV

HAPPY HOLIDAYS TO ALL HAMS! WE MUST BE HAVING FUN BECAUSE THE TIME SURE FLIES BY. I HAVE MANAGED TO LOSE MY 2AT, SO I KNOW WHAT SANTA IS GOING TO HAVE ON HIS LIST. BY THE TIME YOU READ THIS THERE MAY YET BE TIME LEFT TO SIGN UP FOR THE HOLIDAY DINNER AT MOFFETT FIELD. LILY ANNE N6PGM HAS ORGANIZED ANOTHER PREMIERE PAARA EVENT. IF YOU ENJOY A GOOD TIME AND AN EYEBALL QSO I HOPE YOU WILL GET IN TOUCH WITH LILY AT 325-5484 (AND REMIT YOUR RESERVATIONS WHILE THERE STILL MAY BE TIME). THE MOFFETT FIELD OFFICERS CLUB IS A GREAT FACILITY WITH EXCELLENT FOOD. UNFORTUNATELY, OVER THE YEARS THE PLACES PAARA HAS CHOSEN FOR A HOLIDAY EVENT HAVE ENDED UP BEING TORN DOWN OR CONDEMNED. WILL OUR BLACK GLOVE FALL ON MOFFETT FIELD? YOU BETTER COME TO DINNER BEFORE IT'S TOO LATE!

PAARA IS STILL IN THE MARKET FOR SATELLITE ANTENNAS FOR FIELD DAY. WE WANT A RUGGED PAIR THAT WILL STAND UP TO THE RIGORS OF BEING BLOWN DOWN IN THE MIDDLE OF THE NIGHT, ETC. NOVEMBER QST LISTS US AS 31ST IN 3A WITH 5,226 POINTS WITH SAN MATEO AS 29TH WITH 5,274 POINTS. NEXT YEAR WE WANT A PART TIME CW TEAM ON ONE OF THE PHONE STATIONS. WE ANT TO BE SURE TO MILK THOSE 2-POINT QSO'S FOR ALL THEY'RE WORTH. MY PERSONAL GOAL IS TO HAVE MY 9-YEAR-OLD DAUGHTER READY FOR THE NOVICE STATION NEXT YEAR. SEE YOU AT THE DECEMBER MEETING AND AT DINNER!

DE WA6LNV

Happy Holidays to All !

PAARA V.E. TEAM QST DE J.T. WA6BXT

In spite of the lack of communication last month, the VE team has been busily at work. In October they administered 50 elements to 24 people and 31 people took 50 elements in November.

PAARA members who worked on the team were Dudley, WB6WAU (team leader); Joe, KB6OWG; Bill, WB6UVO; Dusty, K6MPN; Ron, W6VG; Joan, WA6BXT; Mohammed, N4CER; and Dave, KB6HLR.

The rush of no code technician applicants seems to have subsided and the team has noticed a more even distribution of elements in recent test sessions. Some of those who became technicians without taking a code test are returning to take the tests to expand their operating privileges, and many have upgraded to general and above.

Tests are given in Redwood City at the Ampex cafeteria at 11 am. on the 3rd Saturday of each month. The December session will be on Dec. 21. If you hold an advanced or extra class ticket and would like to join the VE team, please contact Dudley at (408) 245-4801.

Are you a lid—on phone?

JOHN E. GERCKEN, KA9EPO

The following is the second of a series of articles examining common operating habits. Does your operating procedure fall short of proper Amateur Radio operating etiquette?

The lid population continues to grow as amateurs continue to learn poor operating habits from each other. Usually it's the case that proper Amateur Radio procedures were never learned to begin with. The result is our amateur bands sounding like a CB wasteland. It looks like our clubs have their work cut out for them if they want to maintain the honor and respect they have worked so hard for in the eyes of the public.

It does not take long to find lids operating on just about any band these days. I will admit, however, that some amateurs use some lidisms without realizing it, myself included. But one can always learn to break bad habits.

Let's try to take a closer look at some of the most common lid terms and come up with a logical explanation for their use.

One of my pet peeves is "QRZ the frequency." The *ARRL Operating Manual* says that QRZ is a Q-signal

things to it like "Yokahama" and "Zanzibar." I find it infinitely easier to say "yankee" (only two syllables) or "zulu." I also cringe when "Honolulu" is used instead of a simple word like "hotel." Someone must have stayed up all night thinking up these colorful phonetics just so they could confuse the rest of us with their extra babbling.

I remember when I took my brother along to his first Field Day while he was studying for his Novice ticket. He complained that the other operators confused him by not using standard phonetics, and he even got after me for repeating them back to them. I could see his point very well, and to this day I try to stick as close to standard phonetics as possible, even when the operator I am talking to does not.

Interestingly, it is easy to tell whether an amateur has been in the military, just by listening to his use of phonetics. Here is a good one: "CQ Dog X-ray." Good grief! Who wants an x-ray of a dog! Why not say CQ DX and be done with it! Military amateurs also use "able" instead of "alpha" and "baker" instead of bravo. Also there's "Willy" instead of "whiskey." A good friend who taught me CW was at one

meaning "Who is calling me?" It sounds like the lid who uses this term is wanting the frequency to call him?! Sounds pretty dumb to me! I would much rather hear, "CQ CQ ... is anyone out there? This is KA9XYZ calling." Doesn't that make more sense? Q-signals were devised by high-speed CW operators as a form of shorthand in order to cram as much information as possible into their transmissions while keeping their transmissions as short as possible. What use they have on phone is questionable.

Then there is "QR-Mary" and "QR-Nancy." Good grief! The operator should say he has static or interference. In many cases, the use of Q-signals on phone causes more confusion than if the operator had gone ahead and said what he meant in "the Queen's English."

Here is another one which you must be ready for at a moment's notice: "Hi." Never laugh if you find something funny—say "Hi" or better yet, "Hi Hi." It does not take the place of laughter, but it tells the other operator that you know how to laugh on CW! I admit that I am guilty of this one myself, and I am trying hard to break this lidism.

The use of phonetics made up by the operator as he goes is another problem. We have a set of standard phonetics. ... let's use them *as they are* and not add

mean Day operators who use this term to help me operate 75M phone. To my surprise, he used a mixture of military and standard phonetics. Not so surprisingly, he had to repeat the club call sign at least twice before the other station understood it.

I am sure we all have heard operators saying, "This is KA9XYZ for ID" on the repeaters. Now why do they put the "for ID" in there when everybody knows that is what he is doing in the first place? Any time you utter your call sign you are IDing!

I have also found a new word which is unique and which hams use quite frequently on the repeaters: "destinated." This (though no such word exists) is used to inform other operators that you are at or close to your destination. Why not just say "I am at my destination" or "I am close to my destination" and sound like there's something between the ears besides QRM!

If we take a close look at our operation, we will see just how silly we sometimes sound on the air. Then we can get serious about our Amateur Radio practices and break these bad habits.

Let's restore the craft of Amateur Radio. We, and those who have gone on before us, have worked very hard to get where we are today. Let's not get lazy and become "glorified CBers." ☐

THE INTERNATIONAL "POWER GAME"

Foreign Voltage Guide.

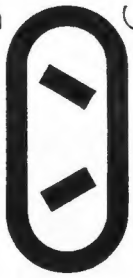
Below is a list of popularly travelled countries, their voltages and the appropriate adaptor plug(s) required. Where 110/220 is noted, that country uses both 110 volt and 220 volt electricity within their borders.



A



B



C



D

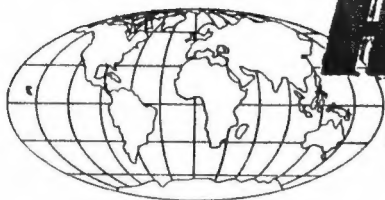
Country	Voltage	Plug	Country	Voltage	Plug
Afghanistan	220	B	Libya	110/220	B
Algeria	110/220	A,B,D	Luxembourg	110/220	B
Angola	220	B	Macao	110/220	B
Antigua	110/220	D	*Madeira	220	B
*Argentina	220	B,D	Majorca Island	110	B
*Australia	220	C	Malawi	220	B,D
Austria	220	B	Malaysia	220	B,D
Azores	110/220	B	Malta	220	B,D
Bahamas	110/220	A	Martinique	110/220	B
Bahrain	220	B,D	Mexico	110/220	A
Bangladesh	220	B	Monaco	110/220	B
Barbados	110/220	A	Morocco	110/220	B
Belgium	110/220	B	Mozambique	220	B
Bermuda	110/220	A,D	Nepal	220	B
Bolivia	110/220	A,B	Netherlands	110/220	B
Botswana	220	B	Neth. Antilles	110/220	A,B
*Brazil	110/220	B	New Zealand	220	C
Bulgaria	110/220	B	Nicaragua	110	A
Burma	220	B	Niger	220	B
Canada	110	A,D	Nigeria	220	B,D
Central African Rep.	220	B	Norway	220	B
Chad	220	B	Okinawa	110	A
*Chile	220	B	Oman	220	B,D
China, Peo. Rep. of	220	B,C	Pakistan	220	B
Columbia	110	A	Panama	110	A

FROM: AMERICAN TOURISTER

Costa Rica	. . . . .	110/220	. . . . .	A,D		*Paraguay	. . . . .	220	. . . . .	B
Cyprus	. . . . .	220	. . . . .	B,D		Peru	. . . . .	220	. . . . .	A,B
Czechoslovakia	. . . . .	110/220	. . . . .	B		Philippines	. . . . .	110/220	. . . . .	A,B
Denmark	. . . . .	220	. . . . .	B		Poland	. . . . .	220	. . . . .	B
Dominican Rep.	. . . . .	110/220	. . . . .	A		Portugal	. . . . .	110/220	. . . . .	B
Ecuador	. . . . .	110/220	. . . . .	A		Puerto Rico	. . . . .	110	. . . . .	A
Egypt	. . . . .	110/220	. . . . .	B,D		Rhodesia	. . . . .	220	. . . . .	B,D
El Salvador	. . . . .	110	. . . . .	A		Romania	. . . . .	110/220	. . . . .	B
Ethiopia	. . . . .	110/220	. . . . .	B		St. Lucia	. . . . .	220	. . . . .	D
Fiji	. . . . .	220	. . . . .	C		St. Vincent	. . . . .	220	. . . . .	D
Finland	. . . . .	220	. . . . .	B		Saudi Arabia	. . . . .	110/220	. . . . .	A,B
France	. . . . .	110/220	. . . . .	B		Senegal	. . . . .	110	. . . . .	B
*Germany, Fed. Rep.	. . . . .	110/220	. . . . .	B		Singapore	. . . . .	110/220	. . . . .	D
Ghana	. . . . .	220	. . . . .	B		So. Africa, Rep. of	. . . . .	220	. . . . .	B
Gibraltar	. . . . .	220	. . . . .	D		Spain	. . . . .	110/220	. . . . .	A,B
*Greece	. . . . .	110/220	. . . . .	B		Sudan	. . . . .	220	. . . . .	B
Greenland	. . . . .	220	. . . . .	B		Swaziland	. . . . .	220	. . . . .	B
Guatemala	. . . . .	110/220	. . . . .	A		*Sweden	. . . . .	110/220	. . . . .	B
Guinea	. . . . .	220	. . . . .	B		Switzerland	. . . . .	110/220	. . . . .	B
Guyana	. . . . .	110/220	. . . . .	A,B,D		Syria	. . . . .	110/220	. . . . .	B
Haiti	. . . . .	110/220	. . . . .	A		Tahiti	. . . . .	110	. . . . .	A
Honduras	. . . . .	110/220	. . . . .	A		Taiwan	. . . . .	110/220	. . . . .	A
Hong Kong	. . . . .	220	. . . . .	D		Tanzania	. . . . .	220	. . . . .	B,D
Hungary	. . . . .	220	. . . . .	B		Thailand	. . . . .	220	. . . . .	A
Iceland	. . . . .	220	. . . . .	B,C		Trinidad	. . . . .	110/220	. . . . .	A,B,D
India	. . . . .	220	. . . . .	B		Tunisia	. . . . .	110/220	. . . . .	B
Indonesia	. . . . .	110/220	. . . . .	B		Turkey	. . . . .	110/220	. . . . .	B
Iraq	. . . . .	220	. . . . .	B,C		Uganda	. . . . .	220	. . . . .	B
Ireland	. . . . .	220	. . . . .	B		United Kingdom	. . . . .	220	. . . . .	B,D
Israel	. . . . .	220	. . . . .	B,C		Upper Volta	. . . . .	220	. . . . .	B
Italy	. . . . .	110/220	. . . . .	B		Uruguay	. . . . .	220	. . . . .	B,D
Ivory Coast	. . . . .	220	. . . . .	B		USSR	. . . . .	110/220	. . . . .	A,B
Jamaica	. . . . .	110/220	. . . . .	A,B		Venezuela	. . . . .	110	. . . . .	A
Japan	. . . . .	110	. . . . .	A		Viet Nam	. . . . .	110/220	. . . . .	A,B
Jerusalem	. . . . .	220	. . . . .	B,C		Virgin Is. (American)	. . . . .	110	. . . . .	A
Jordan	. . . . .	220	. . . . .	B		Yemen (Aden)	. . . . .	220	. . . . .	A,B
Kenya	. . . . .	220	. . . . .	B,D		Yemen Arab Rep.	. . . . .	220	. . . . .	B
Korea, Rep. of	. . . . .	110	. . . . .	A		Yugoslavia	. . . . .	220	. . . . .	B
Kuwait	. . . . .	220	. . . . .	B,D		Zaire	. . . . .	220	. . . . .	B
Laos	. . . . .	110/220	. . . . .	A,B		Zambia	. . . . .	220	. . . . .	B,D
Lebanon	. . . . .	110/220	. . . . .	B		Zanzibar	. . . . .	220	. . . . .	B,D
Liberia	. . . . .	110/220	. . . . .	A						

*Countries using DC in certain areas.

— 11 STORE BUYING POWER —



HAM RADIO OUTLET

WORLDWIDE DISTRIBUTION

SUNNYVALE, CA 94086
510 Lawrence Expwy. #102
(408) 736-9496
(800) 854-6046

OAKLAND, CA 94606
2210 Livingston St.
(510) 534-5757
(800) 854-6046

Phone Hours: 9:30 AM to 5:30 PM
Store Walk-In Hours:
10:00 AM to 5:30 PM Closed Sundays

NEW ADDRESS:
ANAHEIM, CA 92701
933 N Euclid St
(714) 533-7373
(800) 854-6046
Joe Raftery, W6RZ VP
Near Drive-Inland

OAKLAND, CA 94606
2210 Livingston St
(510) 534-5757
(800) 854-6046
Rich Walker, WB Map
1880 at 23rd Ave. 10mp

SAN DIEGO, CA 92123
5375 Kearny Villa Rd
(619) 560-4900
(800) 854-6046
Tom KIMB Map
May 183 A
Clement Mesa

NEW ADDRESS:
SUNNYVALE, CA 94086
510 Lawrence Expwy #102
(408) 736-9496
(800) 854-6046
Tom KIMB Map
Lawrence Expwy
So. from Hwy 101

VAN NUYS, CA 91411
8265 Sepulveda Blvd
(818) 988-2212
(800) 854-6046

Jan KIMB Map
San Diego Hwy
at Victory Blvd

Bob Ferrero W6RJ
President/Owner

Jim Raftery W6RJ
Vice President

AZ, CA, CO, GA, VA residents add sales tax
Prices, specifications, descriptions subject
to change without notice

NEW STORE:
PORTLAND, OR 97223
11705 S.W. Pacific Hwy
(503) 598-0555
(800) 854-6046
Earl K7JBA Map
Tigard 99th and
from Hwy 5 S.E. 217

DENVER, CO 80231
8400 E. 14th Ave. #9
(303) 745-7373
(800) 444-9476
George K0DNR Map

PHOENIX, AZ 85015
1702 W. Camelback Rd
(602) 242-3515
(800) 444-9476
Gary WB7SLY Map
East of Highway 17

ATLANTA, GA 30340
6071 Buford Highway
SUNNYVALE, CA 94086
(404) 263-0700
(800) 444-9476
Mark KJ4VJ Map
Doraville 1 mi
no. of 285

WOODBRIDGE, VA 22191
14803 Rapid America Dr
(703) 643-1063
(800) 444-9499
Curtis WB4ZT Map
Exit 54 I-95 South to US 1

SALEM, NH 03070
224 N. Broadway
(603) 898-3750
(800) 444-9047
Jim K3CQO Map
Exit 1 I-93
26 mi. No. of Boston

ALINCO

DJ-160T



2 Meter Deluxe HT
20 Mem Channels
5W Optional Battery
Encode Built-in
DTMF Auto-Dialer
Built-in DSO
(DTMF) Paging
REG. 369.00
SALE \$249.95



HANDHELDS



FT-26/FT-76
2 Mtr 440 Mhz
2w std.; 5w optional
Direct DC input
Built-in VOX/53 Mem
DTMF paging
Selectable power levels

FT-411
2M HT
Standard 2.5W, 49 Mem
2m/140 to 174 Mhz
EXTENDED RECEIVE

KENWOOD

TS-850

HF Transceiver



Advanced Technology Performance
108 db Dynamic Range, Optional DSP
CALL FOR LOW PRICE



HANDHELDS



IC-2GAT
2 Meter HT • 7 Watt
IC-4GAT
440 Mhz • 5 Watt
IC-W2A
Deluxe Duo-Band
Wide RX Band HT
IC-2SAT, 2 Meter
IC-3SAT, 220 Mhz
IC-4SAT, 440 Mhz
IC-24AT, Duo Band
IC-2SRA, 2M + Wide Rx

ALINCO

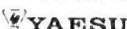
DR-110T



2M Mobile

GREAT FOR PACKET

2M FM Transceiver • Great Performance
45 Watts • CAP • MARS Modifiable
REG. \$519.00 **SALE \$299.95**



FT-990



100W HF Gen Cov Transceiver
DDS, QSK • 500Hz CW Filter included
CALL FOR LOW PRICE

KENWOOD

HANDHELDS



Super
Compact HT
700 MAH Battery
TH-27A
RX 118-165 Mhz
2 MTR/2.5 W DTSS
TH-47A
440/1.5 W DTSS
41 Memories

TH-225A
2 MTRS/5W
TH-315A
220MHz/2.5 W

CALL FOR GREAT PRICES



IC-735



100W 12 volt • 12 channel memory
General Coverage • IF Notch & QSK
CALL FOR LOW PRICE

ELECTRONICS FOR HOME OR WORK . . .
YOU NAME IT . . . WE'VE GOT IT!

QUEMENT IS THE PLACE!



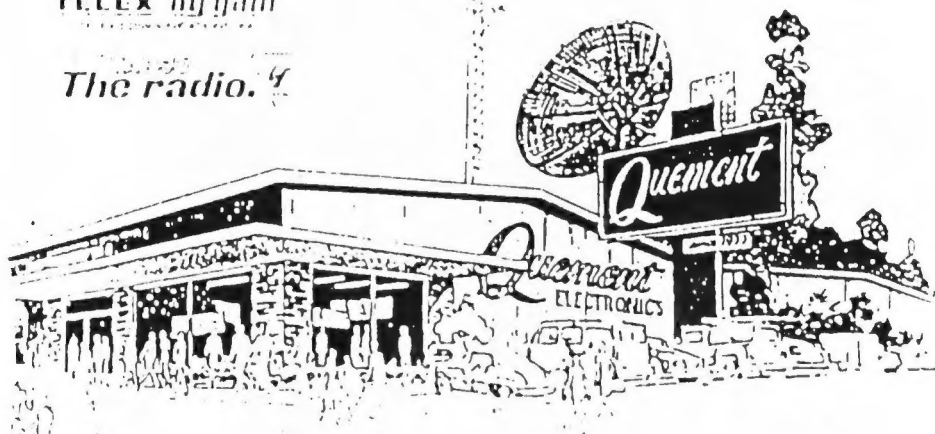
Larsen Antennas

TELEX hi gain

The radio.



HUSTLER



QUEMENT ELECTRONICS



1000 SO. BASCOM, SAN JOSE

398-5900 • Open Mon - Sat 9-6



• ANTENNAS • HAM GLAD • CITIZEN'S BAND • COMMERCIAL AND INDUSTRIAL
PARTS SUPPLY • SERVICE DEPARTMENT • COMPUTERS AND SOFTWARE
• COMPLETE STEREO HI-FI DEPARTMENT

PAARA NEWS NOTE DE STEVE K6FS

FROM
PAACKET

PAARA welcomes Dick Kors, KH6EP, to the team of volunteers that meets the second and fourth Wednesday each month with students at the Palo Alto Veterans Administration Medical Center's Western Blind Rehabilitation Center. Object of the meetings is to promote interest in amateur radio as recreation/community service, inform hams about license and exam requirements, assist them in getting study materials - and demonstrate h.f. communication with the Kenwood TS-440S installed in the Center's hobby shop. This program of twice-monthly visits is now in its third year. It was established by PAARA at the request of the Blind Center's recreational therapist. Kenwood donated both h.f. and v.h.f. (2-meter) transceivers with power supplies to support the program; PAARA and American Legion Amateur Radio Post 599, Sunnyvale, donated and installed antennas for both rigs.

Like the U.S. Marine Corps, we need a few good men and women to help continue the twice-monthly visits. They've generated a lot of enthusiasm, and introduced a lot of people to amateur radio. Interested? Contact Steve, K6FS, (415) 322-4352, or at PAARA meetings.

Happy Holidays to All!